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<b>UTILITY PATENT APPLICATION TRANSMITTAL</b>  <i>(Only for new nonprovisional applications under 37 CFR 1.53(b))</i>		Attorney Docket No. 2105-01001	
		First Inventor Emil MARTIN	
Title Treatment or Prevention of cGMP-Dependent Pathophysiology With A Mutant Variant of Soluble Guanylyl Cyclase			
Express Mail Label No. EV303482296US			

<b>APPLICATION ELEMENTS</b>  See MPEP chapter 600 concerning utility patent application contents.	<b>ADDRESS TO:</b> Mail Stop Patent Application Commissioner for Patents P. O. Box 1450 Arlington VA 22313-1450
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1. <input checked="" type="checkbox"/> <b>Fee Transmittal Form (e.g., PTO/SB/17)</b> <i>(Submit an original and a duplicate for fee processing)</i>  2. <input checked="" type="checkbox"/> <b>Applicant claims small entity status.</b> See 37 CFR 1.27.  3. <input checked="" type="checkbox"/> <b>Specification [Total Pages 31]</b> <i>(preferred arrangement set forth below)</i> - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings <i>(if filed)</i> - Detailed Description - Claim(s) - Abstract of the Disclosure  4. <input checked="" type="checkbox"/> <b>Formal Drawing(s) (35 U.S.C. 113) [Total Sheets 11]</b>  5. Oath and Declaration [Total Pages ] a. <input type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <i>(for continuation/divisional with Box 18 completed)</i> i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).  6. <input checked="" type="checkbox"/> <b>Application Data Sheet. See 37 CFR 1.76</b>	7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)  8. Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i> a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statements verifying identity of above copies
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<b>ACCOMPANYING APPLICATION PARTS</b>	
9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))  10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney <i>(when there is an assignee)</i>  11. <input type="checkbox"/> English Translation Document <i>(if applicable)</i>  12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations  13. <input type="checkbox"/> Preliminary Amendment  14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i>  15. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i>  16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.  17. <input type="checkbox"/> Other:	

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76: <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-Part (CIP)    of prior application No.: <i>Prior application information:</i> <i>Examiner</i> <i>Group/Art Unit:</i>			
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation <u>can only</u> be relied upon when a portion has been inadvertently omitted from the submitted application parts.			

<b>19. CORRESPONDENCE ADDRESS</b>			
<input checked="" type="checkbox"/> Customer Number of Bar Code Label 23505 or <input type="checkbox"/> Correspondence address below			
Name			
Address			
City	State	Zip Code	
Country	Telephone	Fax	
Name (Print/Type)	Carol G. Mintz	Registration No. (Attorney/Agent)	38,561
Signature			Date February 11, 2004

The collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA. 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

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16076 U.S. PTO  
 021104

22387 U.S. PTO  
 10/17/006  
 021104

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# FEE TRANSMITTAL

## For FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT \$514.00

## Complete if Known

Application Number

Filing Date

February 11, 2004

First Named Inventor

Emil MARTIN

Examiner Name

Art Unit

Attorney Docket No.

2105-01001

## METHOD OF PAYMENT (Check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:

Deposit Account Number: 03-2769

Deposit Account Name: Conley Rose, P.C.

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below☒ Charge any additional fee(s) during the pendency of this application☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account☒ Credit any overpayments

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee	Code (\$)	Fee	Code (\$)		
1001	770	2001	385	Utility filing fee	\$385.00
1002	340	2002	170	Design filing fee	\$
1003	530	2003	265	Plant filing fee	\$
1004	770	2004	385	Reissue filing fee	\$
1005	160	2005	80	Provisional filing fee	\$

SUBTOTAL (1) \$385.00

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

		Extra Claims		Fee from below		Fee Paid	
Total Claims	17	20	= 0	x	9.00	= \$	0.00
Independent Claims	6	3	= 3	x	43.00	= \$	129.00
Multiple Dependent					290.00	= \$	00.00

Large Entity		Small Entity		Fee Description
Fee	Code (\$)	Fee	Code (\$)	
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent Claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) \$129.00

\*\* or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee	Code (\$)	Fee	Code (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	\$
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	\$
1053	130	1053	130	Non-English specification	\$
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	\$
18042	920*	1804	920*	Requesting publication of SIR prior to Examiner action	\$
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	\$
1251	110	2251	55	Extension for reply within first month	\$
1252	420	2252	210	Extension for reply within second month	\$
1253	950	2253	475	Extension for reply within third month	\$
1254	1,480	2254	740	Extension for reply within fourth month	\$
1255	2,010	2255	1,005	Extension for reply within fifth month	\$
1401	330	2401	165	Notice of Appeal	\$
1402	330	2402	165	Filing a brief in support of an appeal	\$
1403	280	2403	140	Request for oral hearing	\$
1451	1,510	1452	1,510	Petition to institute a public use proceeding	\$
1452	110	2452	55	Petition to revive - unavoidable	\$
1453	1,330	2453	665	Petition to revive - unintentional	\$
1501	1,330	2501	665	Utility issue fee (or reissue)	\$
1502	480	2502	240	Design issue fee	\$
1503	640	2503	320	Plant issue fee	\$
1460	130	1460	130	Petitions to the Commissioner	\$
1807	50	1806	50	Processing fee under 37 CFR 1.17(g)	\$
123	50	123	50	Petitions related to provisional applications	\$
1806	180	1806	180	Submission of Information Disclosure Stmt	\$
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	\$
1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.129(a))	\$
1810	770	2810	385	For each additional invention to be examined (37 CFR § 1.129(b))	\$
1801	770	2801	385	Request for Continued Examination (RCE)	\$
1802	900	1802	900	Request for expedited examination of a design application	\$

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) \$

## SUBMITTED BY

Complete (if applicable)

Name (Print/Type)

Carol G. Mintz

Registration No.  
(Attorney/Agent)

38,561

Telephone

(713) 238-8000

Signature

Carol G. Mintz

Date

February 11, 2004

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

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